

ITB# 2220654

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Line	Unit	Item Description	
1	9 ea	Base Unit:	Server, PowerEdge R710 with Chassis for Up to Six 3.5-Inch Hard Drives (224-4846) Including the following specifications:
		Processor:	PowerEdge R710 Shipping (330-4124)
		Memory:	4GB Memory (4x1GB), 1066MHz Single Ranked UDIMMs for 2 Processors, Adv ECC (317-0229)
		Monitor:	Embedded Broadcom, GB Ethernet NICS with TOE and iSCSI Offload Enabled (430-2970)
		Monitor:	Embedded Broadcom, GB Ethernet NICS with TOE (430-1764)
		Video Card:	E5520 Xeon Processor, 2.26GHz 8M Cache, Turbo, HT, 1066MHz Max Mem (317-1206)
		Video Memory:	E5520 Xeon Processor, 2.26GHz 8M Cache, Turbo, HT, 1066MHz Max Mem (317-1218)
		Video Memory:	PowerEdge R710 Heat Sinks for 2 Processors (317-1213)
		Hard Drive:	1TB 7.2K RPM Near-Line SAS 6Gbps 3.5in Hotplug Hard Drive (342-2098)
		Hard Drive Controller:	PERC H700 Integrated RAID Controller, 512MB Cache, x6 (342-0649)
		Floppy Disk Drive:	Power Saving BIOS Setting (330-3491)
		Operating System:	No Operating System (420-6320)
		Modem:	iDRAC6 Enterprise (467-8648)
		CD-ROM or DVD-ROM	DVD+/-RW, SATA, INTERNAL (313-9090)
		Sound Card:	Bezel (313-7517)
		Speakers:	Riser with 2 PCIe x8 + 2 PCIe x4 Slot (320-7886)
		Documentation	Dell Management Console (330-5280)
		Documentation Diskette:	Electronic System Documentation and OpenManage DVD Kit (330-3485)
		Additional Storage Products:	1TB 7.2K RPM Near-Line SAS 6Gbps 3.5in Hotplug Hard Drive (342-2098)
		Feature	RAID 5 for H700 or PERC 6/i Controllers (341-8700)
		Feature	Sliding Ready Rails With CableManagement Arm (330-3477)
		Service:	Dell Hardware Limited Warranty Extended Year (993-8458)
		Service:	Dell Hardware Limited Warranty Plus On Site Service Initial Year (993-8447)
		Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, 4 Year Extended (988-4964)
		Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, Initial Year (993-2200)
		Service:	MISSION CRITICAL PACKAGE: Enhanced Services, 5 Year (993-8507)
		Service:	ProSupport for IT: 7x24 HW / SW Tech Support and Assistance for Certified IT Staff, 5 Year (988-5154)
		Installation:	On-Site Installation Declined (900-9997)
		Misc:	High Output Power Supply Redundant, 870W (330-3475)
		Misc:	1TB 7.2K RPM Near-Line SAS 6Gbps 3.5in Hotplug Hard Drive (342-2098)
		Misc:	Power Cord, C13 to C14, PDU Style, 12 Amps, 2 meter, Qty 1 (330-3151)

Line		Misc:	Power Cord, C13 to C14, PDU Style, 12 Amps, 2 meter, Qty 1 (330-3151)
2	1 ea	Base Unit:	Server, PowerEdge R710 with Chassis for Up to Eight 2.5-Inch Hard Drives (224-4845) Including the following specifications:
		Processor:	PowerEdge R710 Shipping (330-4124)
		Memory:	48GB Memory (6x8GB), 1333MHz Dual Ranked RDIMMs for 2 Processors, Optimized (317-2220)
		Monitor:	Embedded Broadcom, GB Ethernet NICS with TOE and iSCSI Offload Enabled (430-2970)
		Monitor:	Embedded Broadcom, GB Ethernet NICS with TOE (430-1764)
		Video Card:	X5550 Xeon Processor, 2.66GHz 8M Cache, Turbo, HT, 1333MHz Max Mem (317-1203)
		Video Memory:	X5550 Xeon Processor, 2.66GHz 8M Cache, Turbo, HT, 1333MHz Max Mem (317-1215)
		Video Memory:	PowerEdge R710 Heat Sinks for 2 Processors (317-1213)
		Hard Drive:	146GB 15K RPM Serial-Attach SCSI 2.5 inch Hot Plug Hard Drive (341-9157)
		Hard Drive Controller:	PERC 6/i SAS RAID Controller 2x4 Connectors, Internal, PCIe 256MB Cache, x8 Chassis (341-8712)
		Floppy Disk Drive:	Power Saving BIOS Setting (330-3491)
		Operating System:	No Operating System (420-6320)
		NIC:	Broadcom 5709 Dual Port 1GbE NIC w/TOE iSCSI, PCIe-4 (430-3260)
		Modem:	iDRAC6 Enterprise (467-8648)
		CD-ROM or DVD-ROM	DVD+/-RW, SATA, INTERNAL (313-9090)
		Sound Card:	Bezel (313-7517)
		Speakers:	Riser with 2 PCIe x8 + 2 PCIe x4 Slot (320-7886)
		Documentation	Dell Management Console (330-5280)
		Documentation Diskette:	Electronic System Documentation and OpenManage DVD Kit (330-3485)
		Feature	RAID 1 for H700, PERC 6/i, H200 or SAS 6/iR Controllers (341-8699)
		Feature	Sliding Ready Rails With Cable Management Arm (330-3477)
		Service:	Dell Hardware Limited Warranty Extended Year (993-8458)
		Service:	Dell Hardware Limited Warranty Plus On Site Service Initial Year (993-8447)
		Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, 4 Year Extended (988-4964)
		Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, Initial Year (993-2200)
		Service:	MISSION CRITICAL PACKAGE: Enhanced Services, 5 Year (993-8507)
		Service:	ProSupport for IT: 7x24 HW / SW Tech Support and Assistance for Certified IT Staff, 5 Year (988-5154)
		Installation:	On-Site Installation Declined (900-9997)
		Misc:	High Output Power Supply Redundant, 870W (330-3475)

Line		Misc:	Power Cord, C13 to C14, PDU Style, 12 Amps, 2 meter, Qty 1 (330-3151)
		Misc:	Power Cord, C13 to C14, PDU Style, 12 Amps, 2 meter, Qty 1 (330-3151)
3	1 ea	Misc:	146GB 15K RPM Serial-Attach SCSI 2.5 inch Hot Plug Hard Drive (341-9157)
		Misc:	Intel Dual Port 10Gb NIC With SFP+ Twinax Cable Interface (430-3527)
		Misc:	Intel Dual Port 10Gb NIC With SFP+ Twinax Cable Interface (430-3527)
		Base Unit:	Storage Device, PowerVault DL2100 Performance, 2xE5620 Processor, 24GB Memory, 2x250GB Hard Drive, PERC6i, DRAC (224-9875) Including the following specifications:
		Processor:	attach an MD1000 on this order (330-8363) LINE 4
		Hard Drive:	4 x 1TB 7200RPM SATA 3.5inch Hard Drives (342-0943)
		Operating System:	Windows Server 2008SP2 Standard x64, Incl Hyper-V Incl 5 CALs (421-1072)
		Mouse:	CommVault Simpana 8.0 Standard Edition, 3 Year Maintenance (421-2434)
		Mouse:	No Option Selected (421-0194)
		NIC:	Embedded Broadcom, GB Ethernet NICS with TOE (430-1764)
		Controller Option:	PERC6E SAS RAID Controller 2x4 Connectors, External, PCIe512MB cache (341-5841)
		Feature	RAID for CommVault with Internal HDDs (342-0940)
		Feature	Sliding Ready Rails With CableManagement Arm (330-3477)
		Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, 4 Year Extended (904-8744)
		Service:	ProSupport for IT: 7x24 HW / SW Tech Support and Assistance for Certified IT Staff, 5 Year (904-8874)
		Service:	Dell Hardware Limited Warranty Plus On Site Service Initial Year (905-3707)
		Service:	MISSION CRITICAL PACKAGE: Enhanced Services, 5 Year (905-3767)
		Service:	Dell Hardware Limited Warranty Plus On Site Service Extended Year (905-5028)
		Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, Initial Year (906-3260)
		Installation:	On-Site Installation Declined (983-5227)
		Misc:	Power Cord, C13 to C14, PDU Style, 12 Amps, 2 foot, Qty 1 (330-3150)
		Misc:	Power Cord, C13 to C14, PDU Style, 12 Amps, 2 foot, Qty 1 (330-3150)
		10 - CommVault Simpana 8.0 Data Replicator Agent, 1 Year Maintenance (421-0752) - Quantity 10	
		CommVault Simpana 8.0 1.0TB License, Dedupe to disk, 1yr Maintenance (421-0748) - Quantity 17	
		CommVault Simpana 8.0 Virtual Client Agent, 1 Year Maintenance (421-0751) - Quantity 4	

<b>Line</b>		CommVault Simpana 8.0 Application Agent License, 1 Year Maintenance (421-0750) - Quantity 4	
<b>4</b>	<b>1 ea</b>	<b>Base Unit:</b>	<b>Storage Device, PowerVault MD1000 for DL2100 and DL2000 (224-3592) Including the following specifications:</b>
		Hard Drive:	15 X 2TB 7.2K RPM Universal SATA 3Gbps 3.5in HotPlug Hard Drives (342-0947)
		Hard Drive Controller:	Two Enclosure Management Modules, PowerVault MD1000 SAS/SATA (420-6220)
		Controller Option:	Customer already has a PERC5/EController Card (Required to operate MD1000) (341-3154)
		Feature	Rapid Rails for Dell, or other Square Hole Racks, MDxx00 (310-7080)
		Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, 4 Year Extended (984-3664)
		Service:	ProSupport for IT: 7x24 HW / SW Tech Support and Assistance for Certified IT Staff, 5 Year (984-3854)
		Service:	Dell Hardware Warranty Plus Onsite Service Extended Year(s) (985-7589)
		Service:	Dell Hardware Warranty Plus Onsite Service Initial Year (985-7617)
		Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, Initial Year (988-3120)
		Service:	MISSION CRITICAL PACKAGE: Enhanced Services, 5 Year (990-5247) SAS Cable, 2 Meter, MDx000 (310-7083)
<b>5</b>	<b>1 ea</b>	<b>Base Unit:</b>	<b>Storage Device, PowerVault TL2000, LTO4-120HH 800GB/1.6TB, 2 HH SAS Drives (224-0160) Including the following specifications:</b>
		Cable:	2 x 3Gb SAS CBL, 4 M, TAPE DEVICE TO SAS HBA (341-5024)
		Service:	Pro Support for End User: Next Business Day Onsite Service After Problem Diagnosis, 4 Year Extended (984-9634)
		Service:	ProSupport for End Users: 7x24 HW / SW Tech Support and Assistance for End Users, 5 Year (984-9704)
		Service:	Dell Hardware Warranty, Extended Year(s) (985-3228)
		Service:	Dell Hardware Warranty Plus OnSite Service Initial YR (985-3267)
		Service:	Pro Support for End User: Next Business Day Onsite Service After Problem Diagnosis, Initial Year (988-9280)
		Installation:	Installation of a Dell PowerVault Tape Autoloader or Library, MWT (985-
<b>Line 6</b>	<b>1 pk</b>	Tape Media for LTO4-120 tape 800GB/1.6TB, 50 Pack (341-4629)	
<b>Line 7</b>	<b>2 ea</b>	<b>Base Unit:</b>	<b>Storage Device, Dell EqualLogic PS6010X, 10Gbe, Mainstream Performance 10K SAS Drives (224-7572) Including the following specifications:</b>
		Processor:	16 X 600GB 10k SAS DUAL CONTROLLER (313-9171)
		Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, 4 Year Extended (906-2024)
		Service:	ProSupport for IT: 7x24 HW / SW Tech Support and Assistance for Certified IT Staff, 5 Year (906-2224)
		Service:	Dell Hardware Limited Warranty Extended Year (907-5708)

<b>Line</b>		Service:	EqualLogic Advanced Software Warranty and Service, 7x24 Access, 5 Year (907-5758)
		Service:	Dell Hardware Limited Warranty Initial Year (907-5787)
		Service:	MISSION CRITICAL PACKAGE: Enhanced Services, 5 Year (907-5907)
		Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, Initial Year (908-7350)
		Installation:	Remote Implementation of a Dell EqualLogic Array (to schedule, email US_Remote_Services@dell.com) (990-0708)
		Support:	Proactive Maintenance Service, EQL, 1 Event per yr, 5 yr (926-3029)
8	1 ea	Base Unit:	Storage Device, Dell EqualLogic PS6510E, 10Gbe, High capacity, High density, 7.2K SATA Drives (224-7570) Including the following specifications:
		Processor:	48 X 1TB SATA DUAL CONTROLLER (342-0365)
		Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, 4 Year Extended (906-0434)
		Service:	ProSupport for IT: 7x24 HW / SW Tech Support and Assistance for Certified IT Staff, 5 Year (906-0634)
		Service:	Dell Hardware Limited Warranty Extended Year (907-4828)
		Service:	EqualLogic Advanced Software Warranty and Service, 7x24 Access, 5 Year (907-4878)
		Service:	Dell Hardware Limited Warranty Initial Year (907-5027)
		Service:	MISSION CRITICAL PACKAGE: Enhanced Services, 5 Year (907-5147)
		Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, Initial Year (908-5790)
		Installation:	Remote Implementation of a Dell EqualLogic Array (to schedule, email US_Remote_Services@dell.com) (990-0708)
		Support:	Proactive Maintenance Service, EQL, 1 Event per yr, 5 yr (926-3029)
9	2 ea	Base Unit:	Switches, PowerConnect 8024, 24 10 GbE SFP+ Ports, Four Combo Ports (224-6406) Including the following specifications:
		Service:	Dell Hardware Limited Warranty Extended Year (903-1598)
		Service:	Dell Hardware Warranty, Initial Year (903-2167)
		Service:	Basic: Business Hours (5X10) Next Business Day Parts Delivery 4 Year Extended (903-2234)
		Service:	Basic: Business Hours (5X10) Next Business Day Parts Delivery Initial Year (903-4670)
		Installation:	Installation of a PowerConnect Switch (989-6197)
10	1 ea	Base Unit:	Server, PowerEdge R710 with Chassis for Up to Eight 2.5-Inch Hard Drives (224-4845) Including the following specifications:
		Processor:	PowerEdge R710 Shipping (330-4124)
		Memory:	48GB Memory (6x8GB), 1333MHz Dual Ranked RDIMMs for 2 Processors, Optimized (317-2220)

Monitor:	Embedded Broadcom, GB Ethernet NICS with TOE and iSCSI Offload Enabled (430-2970)
Monitor:	Embedded Broadcom, GB Ethernet NICS with TOE (430-1764)
Video Card:	X5550 Xeon Processor, 2.66GHz 8M Cache,Turbo, HT, 1333MHz Max Mem (317-1203)
Video Memory:	X5550 Xeon Processor, 2.66GHz 8M Cache,Turbo, HT, 1333MHz Max Mem (317-1215)
Video Memory:	PowerEdge R710 Heat Sinks for 2 Processors (317-1213)
Hard Drive:	146GB 15K RPM Serial-Attach SCSI 2.5 inch Hot Plug Hard Drive (341-9157)
Hard Drive Controller:	PERC 6/i SAS RAID Controller 2x4 Connectors, Internal, PCIe256MB Cache, x8 Chassis (341-8712)
Floppy Disk Drive:	Power Saving BIOS Setting (330-3491)
Operating System:	No Operating System (420-6320)
NIC:	Broadcom 5709 Dual Port 1GbE NIC w/TOE iSCSI, PCIe-4 (430-3260)
Modem:	iDRAC6 Enterprise (467-8648)
CD-ROM or DVD-ROM	DVD+/-RW, SATA, INTERNAL (313-9090)
Sound Card:	Bezel (313-7517)
Speakers:	Riser with 2 PCIe x8 + 2 PCIe x4 Slot (320-7886)
Documentation	Dell Management Console (330-5280)
Documentation Diskette:	Electronic System Documentation and OpenManage DVD Kit (330-3485)
Feature	RAID 1 for H700, PERC 6/i, H200 or SAS 6/iR Controllers (341-8699)
Feature	Sliding Ready Rails With CableManagement Arm (330-3477)
Service:	Dell Hardware Limited Warranty Extended Year (993-8458)
Service:	Dell Hardware Limited Warranty Plus On Site Service Initial Year (993-8447)
Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, 4 Year Extended (988-4964)
Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, Initial Year (993-2200)
Service:	MISSION CRITICAL PACKAGE: Enhanced Services, 5 Year (993-8507)
Service:	ProSupport for IT: 7x24 HW / SW Tech Support and Assistance for Certified IT Staff, 5 Year (988-5154)
Installation:	On-Site Installation Declined (900-9997)
Misc:	High Output Power Supply Redundant, 870W (330-3475)
Misc:	Power Cord, C13 to C14, PDU Style, 12 Amps, 2 meter, Qty 1 (330-3151)
Misc:	Power Cord, C13 to C14, PDU Style, 12 Amps, 2 meter, Qty 1 (330-3151)
Misc:	146GB 15K RPM Serial-Attach SCSI 2.5 inch Hot Plug Hard Drive (341-9157)

Misc:	Intel Dual Port 10Gb NIC With SFP+ Twinax Cable Interface (430-3527)
Misc:	Intel Dual Port 10Gb NIC With SFP+ Twinax Cable Interface (430-3527)
Memory, 6ea - 8GB 1333MHz Dual Ranked RDIMM, Customer Installation (317-2224)	
1 ea - Broadcom 5709 Dual Port 1GbE NIC with TOE, PCIe-4, CustomerInstall (430-3254)	
2 ea - Intel Gigabit ET NIC, Dual Port, Copper, PCIe-4 (430-0801)	

Line 11	8 ea	Licenses, vSphere 4 Enterprise - 1 socket license - Consolidation Availability Auto Resource Mgmt Features (A2977762)
Line 12	8 ea	Maintenance, vSphere 4 Enterprise - 3yr Platinum SNS - 24x7 support and subscription (A2977756)
Line 13	1 ea	License, vCenter Standard for vSphere - 1 license (A2977748)
Line 14	1 ea	Maintenance, vCenter Standard for vSphere - 3yr Platinum SNS - 24x7 support and subscription (A2977740)
Line 15	1 ea	License, CommVault 8.0 Encryption - primary, Customer Kit (421-0886)
Line 16	1 ea	License, CommVault 8.0 Encryption - secondary to tape, Customer Kit (421-0896)
Line 17	1 ea	License, CommVault 8.0 Non-Shared Tape Drive, Customer Kit (421-0893)
Line 18	1 lot	Installation of the Commvault back-up system, PS Services for 6 to 10 days (A1463038)
Line 19	8 lot	CommVault 8.0 Maintenance - \$1000, Customer Kit (421-0865)
Line 20	10 lot	CommVault 8.0 Maintenance - \$10, Customer Kit (421-0869)
Line 21	1 lot	CommVault 8.0 Maintenance - \$1Customer Kit (421-0871)
Line 22	4 lot	CommVault 8.0 CommCell Encryption - 1 YR MAINT Customer Kit (421-0842)
Line 23	4 lot	CommVault 8.0 AUX Encryption 1 YR MAINT, Customer Kit (421-0829)
Line 24	4 lot	CommVault 8.0 Non-Shared Drive 1 YR MAINT, Customer Kit (421-0848)
Line 25	1 lot	Four (4) weeks professional services for implementation and conversion of servers, vmware and conversion of existing equipment to virtual servers.
Line 26	1 lot	4 units VMWare hands-on training for DPS personnel: covering installation, ESXi/ESX & VMWare vCenter Server 986-3128 configuration, & management of VMWare vSphere which consists of VMWare ESXi/ESX & VMWare vCenter Server 986-3128
Line 27	1 lot	12 Units of Instructor-led Training Courses conducted in Public Facility require one-1-training credit per training for DPS Employees includes all training related expenses. (A1233341 & A0071276))
Line 29	3 lot	Dell Education Services - Storage Device training, Dell EqualLogic PS Series Basic Configuration and Management Online Training for three DPS Personnel, 1 year (903-5699)